

Claims

What is claimed is:

1. A fluid galvanic coating comprising:
 - (a) one or more metals selected from the group consisting of magnesium, zinc, and aluminum;
 - (b) one or more humectants; and
 - (c) one or more additives selected from the group consisting of conductive polymers, carbon fibers and graphite.
2. A fluid galvanic coating as in claim 1 wherein said carbon fibers are present from 2% to about 10% by weight.
3. A fluid galvanic coating as in claim 1 wherein said conductive polymer is present at 1% to about 6% by weight.
4. A fluid galvanic coating as in claim 1 wherein said graphite is present at 1% to about 6% by weight.
5. A fluid galvanic coating as in claim 1 which is applicable to targeted substrates through brush, spray, or roll methods.
6. A fluid galvanic coating consisting essentially of zinc metal particles and conductive media selected from the group consisting of carbon fibers, conductive polymers and graphite.
7. A fluid galvanic coating consisting essentially of an alloy of aluminum and magnesium particles, and conductive media selected from the group consisting of carbon fibers, conductive polymers and graphite.